CR Number:	4836
External Reference:	SAFER CR 536
Category:	MCMIS Update of OOSO activity to SAFER in Near Real-Time
Component:	SAFER/MCMIS
Synopsis:	Request for OOSO change to be made available to SAFER in near real-time.
Status:	Open
Disposition:	[2007-07-26] Open. On list for SAFER 7.3, but may be withdrawn.
Description:	[2007-01-17] Salazar (from SAFER CR 536)

The FMCSA PRISM program utilizes the SAFER database to provide its users with MCMIS carrier census data necessary to comply with several PRISM program requirements. States maintain a local version of this data by processing a batch file after SAFER has been updated with a daily MCMIS activity transaction file. Due to timing delays inherent with these batch file updates, PRISM implementation procedures require that users verify the out of service status maintained in MCMIS if during processing the carrier disputes the value of the data maintained locally. Recently, PRISM has suggested that States utilize existing SAFER Web Services as an alternative to using their local systems to access the value of certain carrier census data. However, this approach only addresses the timing and logistical problems associated with getting the daily transaction batch files from SAFER to the State users. When necessary, on-line web browser access to MCMIS to validate data values is still required due to the timing differences between what is in SAFER and the actual value maintained in MCMIS.

To help resolve this problem, PRISM requests that a trigger be built in MCMIS to monitor the OOS_Carrier table that is updated whenever an out of service order is issued or rescinded. The only function of this trigger would be to notify SAFER in real time when a carrier has a change made to its Out of Service Status. The notification would be done by initiating a request to the Oracle Database Management System job queue that would in turn pass that USDOT Number to SAFER using an existing database link. A trigger in SAFER would then retrieve the carrier's MCSIP Step from MCMIS using an indexed key search through that same database link. Together these enhancements should go unnoticed by end users but they would allow subsequent inquiries using a new SAFER web services transaction to return the latest out of service status of the carrier in near real-time mode. The PRISM team will work with SAFER to specify the contents of this new transaction separately.

[2007-01-19] Discussed at the 1/18/07 ACCB meeting.
Gary DeRusha (Volpe) explained SAFER CR 536 and noted that the PRISM program is embracing Web services technology. It was noted that the corresponding ECCB RFC has been approved. The SAFER part is on a schedule for development this year, but a MCMIS commitment is still needed. Doug Deckert (WA) noted that this near real-time OOSO change information will be useful to CVISN roadside enforcement as well as to PRISM users.

[2007-07-26] Discussed at ACCB meeting. SCR 536 is on the list for SAFER 7.3, but may not be needed if SCR 1613 is implemented.

Fix:	
Comment:	
Attachment names:	RFC MCMIS Update of OOSO Activity to SAFERv4.doc
Responsibility:	Salazar Sandra B
Modified Time:	7/27/2007 3:43:29 PM
Modified By:	Salazar Sandra B

Entered On: 1/17/2007 10:19:08 AM

Entered By: Salazar Sandra B

Severity: Medium

Priority: No

Type: Enhancement

Closed On: